Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 20 Mar 2021 until 23:59 on Sunday 21 Mar 2021

Forecast Issued on Friday 19 Mar 2021 at 16:49

Confidence: High for generally settled conditions through the weekend and a gradual change to more unsettled conditions next week, but lower for cloud amounts and timing of any periods of rain next week.

Headline for Saturday 20 Mar 2021: Mainly dry with sunny spells. Mainly light winds.

Mountain weather hazards on Saturday 20 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 20 Mar 2021

Weather: Rather cloudy overnight with perhaps a few spots of drizzle, although some clearer spells in the west then more generally towards the end of the night. Then a bright day with some good spells of sunshine developing. Dry with clear spells through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 40% at first rising close to 90% by early afternoon.

Visibility: Occasional or periods of cloud above 450m to 600m at first gradually breaking and lifting to leave just small amounts of cloud above 600-750m across more western hills. Away from cloud visibility good or very good.

Forecast for Saturday 20 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 NW	7/11 W	7/12 W	9/14 W	12/18 W	12/19 W	10/18 W	11/19 NW	9/14 NW
300	2/6 NW	3/9 NW	3/11 W	6/12 W	9/17 W	9/18 W	7/17 NW	11/21 NW	8/16 NW
Valley	1/4 N	1/4 NW	2/5 NW	4/8 SW	8/15 W	8/15 W	8/17 NW	7/17 NW	5/13 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/2	4/1	4/2	5/2	6/3	7/4	6/3	3/-1	3/-1
300	6/5	6/5	5/4	8/6	9/7	10/8	7/5	5/2	5/2
Valley	7/6	6/6	6/5	8/7	10/8	10/9	9/7	6/4	6/4
Freezing Level*	1800m	1600m	1600m	1700m	1700m	1700m	1500m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather cold on the summits despite the sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 19 Mar 2021	0.2mm	0.2mm	0.2mm

Forecast for Sunday 21 Mar 2021

Weather: A rather cloudy but largely dry day, with hill fog through the morning but cloud lifting above the summits during the afternoon.

Maximum wind: Westerly or northwesterly winds generally less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% through the morning but increasing to 90% or more during the afternoon.

Visibility: Occasional or periods of cloud above 450-600m in the morning gradually breaking and lifting above the summits through the afternoon. Visibility good or very good.

Temperature: **Valleys:** Plus 3 or 4 Celsius rising to plus 11 Celsius
At 600m: Plus 4 or 5 Celsius
Freezing level: Above summits.